

NEBRASKA

WEATHER & CROPS



For Week Ending August 31, 1997

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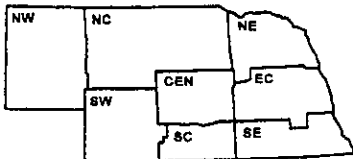
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Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admin
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged four to nine degrees above normals across the State. Precipitation averaged from near a tenth of an inch to over a half inch across the State.

GENERAL

Above normal temperatures last week provided crops with heat units needed to push development toward maturity, according to the Nebraska Agricultural Statistics Service. Rainfall averaged up to one inch in the Northeast while other districts averaged a trace to less than one-third of an inch. Producers continue to monitor insect levels and prepare equipment for harvest, put up hay, prepare for fall wheat seeding and move grain to market.

CROPS

Corn condition rated 3% very poor, 7% poor, 26% fair, 49% good, and 15% excellent. Irrigated corn rated 76% good to excellent, while 42% of the dryland corn was good to excellent. Corn in the dough stage was at 93%, ahead of 86% last year and 84% average. Denting progressed to 41% compared with 32% last year and 40% average.

Soybean condition rated at 2% very poor, 11% poor, 33% fair, 47% good, and 7% excellent. Statewide, 10% of the acreage had begun to turn color, compared with 2% last year and 11% average. As of Sunday, 1% of the acreage had dropped leaves, compared with 0% last year and 2% average.

CROPS (Cont.)

Sorghum condition rated 3% very poor, 11% poor, 37% fair, 40% good, and 9% excellent. The percent of acreage turning color was at 38%, ahead of 24% last year and 29% average.

Dry bean condition rated 5% poor, 31% fair, 54% good, and 10% excellent. As of Sunday, 54% of the acreage was turning color, compared with 70% last year. The crop was dropping leaves on 17% of the acreage, compared with 19% last year. Reports in the Panhandle and southwest counties indicated that some producers had begun to harvest the crop.

Alfalfa condition rated 8% very poor, 22% poor, 35% fair, 32% good and 3% excellent. Third cutting activities were 66% complete, compared with 67% last year and 66% for the average.

Winter wheat seeding had begun in a few areas, with 1% of the acreage seeded statewide. This is slightly behind 2% last year and average.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 10% very poor, 24% poor, 30% fair, 34% good, and 2% excellent. Pastures in the South Central District continued to be reported in the poorest condition statewide. Producers were supplemental feeding in many areas of the Nebraska. Some producers continue haying or grazing CRP acres in the northeast, southeast, south central, and central parts of the State due to limited regrowth on pastures.

FIELD WORK PROGRESS AS OF AUGUST 31, 1997	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Dough Stage	76	81	90	99	96	93	97	92	93	84	86	84
% Corn Dented	24	12	21	40	43	43	55	80	41	19	32	40
% Soybeans Turning Color	n/a	23	8	9	9	33	7	11	10	2	2	11
% Soybeans Dropping Leaves	n/a	1	0	2	1	2	0	2	1	n/a	0	2
% Sorghum Turning Color	n/a	38	25	8	14	21	32	50	38	13	24	29
% Dry Beans Turning	44	19	5	11	n/a	88	n/a	n/a	54	20	70	n/a
% Dry Beans Dropping Leaves	11	0	0	0	n/a	35	n/a	n/a	17	n/a	19	n/a
% Alfalfa Third Cutting	15	73	34	85	80	95	94	90	66	49	67	66
% Wheat Sown	2	0	0	0	0	1	1	0	1	n/a	2	2
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 29, 1997												
Days suitable	6.9	6.9	6.5	6.3	6.2	5.7	6.3	7.0	6.6	5.1	5.6	
Topsoil moisture - Very Short	0	2	22	0	12	10	20	37	13	10	0	
(Percent) - Short	22	20	51	42	45	38	30	44	36	31	18	
- Adequate	77	69	27	58	42	50	49	19	49	56	78	
- Surplus	1	9	0	0	1	2	1	0	2	3	4	
Subsoil moisture - Very Short	2	2	12	19	11	6	24	32	13	14	0	
(Percent) - Short	17	18	55	33	48	47	65	45	40	38	12	
- Adequate	78	72	33	48	41	45	11	23	45	46	84	
- Surplus	3	8	0	0	0	2	0	0	2	2	4	

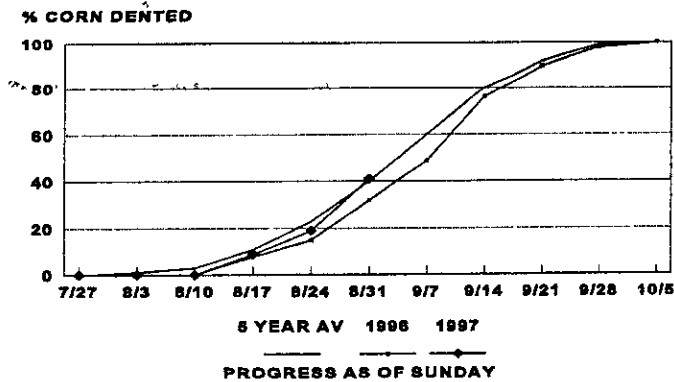
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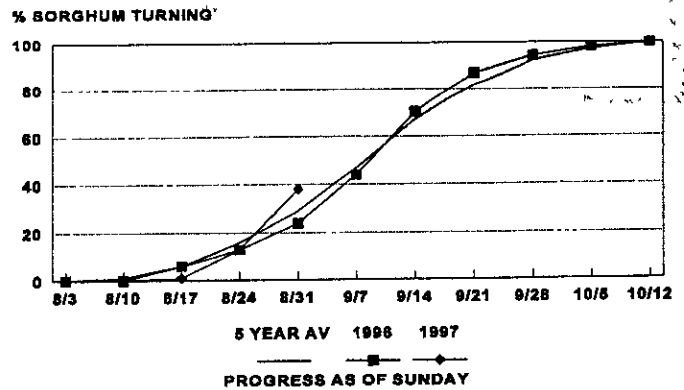
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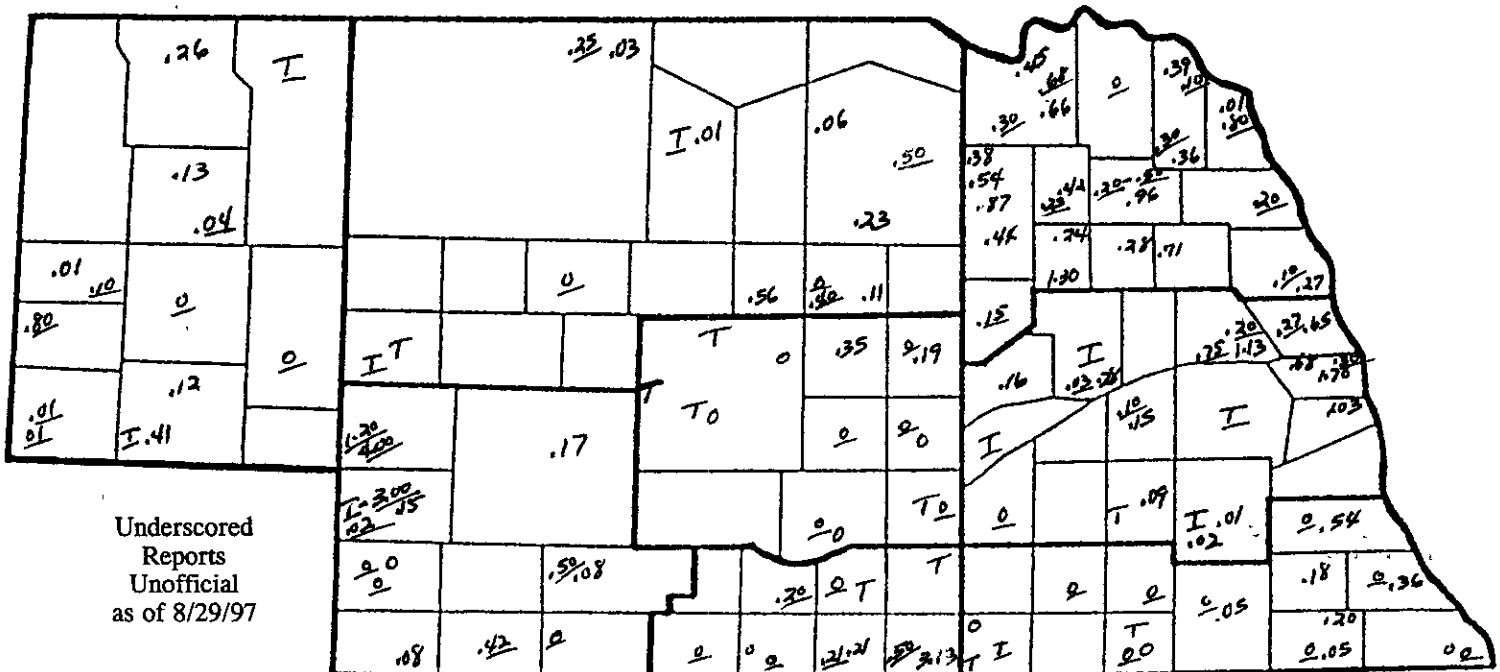
CORN DENTED



SORGHUM TURNING



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, AUGUST 30, 1997



PRECIPITATION, APRIL 1 - AUGUST 30, 1997

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.19	.14	.52	.06	.49	.10	.67	.13
Total since April 1	13.73	15.34	14.40	12.19	15.81	13.34	12.51	16.96
Normal since April 1	11.81	14.64	16.42	16.10	17.76	13.65	16.05	18.23
Total as % of normal	116%	105%	88%	76%	89%	98%	78%	93%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SATURDAY, AUGUST 30, 1997

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	101	50	77	---	.26	---	---	---
	Scottsbluff	92	53	73	+4	.01	2010	2186	2181
	Sidney	97	55	76	---	.41	1968	2153	2167
NC	Valentine	95	57	76	+7	.03	---	---	---
	Arthur	---	---	---	---	---	1976	2166	2352
	O'Neill	---	---	---	---	---	2083	2278	2508
NE	Norfolk	94	64	79	+9	.24	---	---	---
	Sioux City	91	64	77	+7	.01	---	---	---
	Concord	---	---	---	---	---	2081	2288	2547
	Elgin	---	---	---	---	---	2096	2302	2537
	West Point	---	---	---	---	---	2197	2405	2650
CEN	Grand Island	93	64	77	+6	T	2192	2397	2615
	Ord	96	63	77	---	.35	2131	2332	2579
	Kearney	---	---	---	---	---	2240	2445	2594
EC	Lincoln	96	66	80	+8	.01	2388	2615	2844
	Omaha	94	67	79	+8	1.70	---	---	---
	Central City	---	---	---	---	---	2179	2379	2639
	Mead	---	---	---	---	---	2304	2514	2769
SW	Imperial	97	60	78	---	---	---	---	---
	North Platte	93	56	76	+7	17	2126	2312	2416
	McCook	---	---	---	---	---	2301	2504	2486
SC	Holdrege	---	---	---	---	---	2201	2406	2576
	Red Cloud	---	---	---	---	---	2430	2649	2589
SE	Beatrice	---	---	---	---	---	2294	2506	2842
	Clay Center	---	---	---	---	---	2233	2439	2628

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.